(c) On technical advice, a choice was given in the tender for the contract rs to furnish their own alternative design and to quote rates for both the departmental as well as their own design.

(d) Yes. Damages were observed in 1963 and 1964 and they were immediately got repaired. The question of locating the causes for these damages as also to fix responsibility for the same is engaging the attention of Government.

Defects in the Tunnel of Sharavathy Valley Hydro-electric Project

573. **Sri C. M. ARUMUGAM** (K.G.F.).—

Will the Minister for Public Works and Electricity be pleased to state :—

(a) whether there is any defect in the pressure tunnel of the Sharavathi Valley Hydro-Electric Project ;

(b) if so, whether it has been brought to the notice of the authorities concerned ;

(c) the action taken in that behalf ;

(d) the estimated expenditure to repair the tunnel ;

(e) the names of the contractor, Chief Engineer, Superintending Engineer, Executive Engineer and Assistant Engineers who were in-charge when the tunnel was constructed ?

Sri H. M. CHANNABASAPPA (Minister for Public Works).—

(a) Some damages have been observed in the pressure tunnel No. 1 of the Sharavathy Valley Hydro-Electric Project.

(b) Yes.

(c) The Mysore Power Corporation is seized of the matter and is making arrangements for carrying out repairs during August-September 1972.

(d) The expenditure required for repairs can be assessed only after knowing the extent of the damages caused to the tunnel.

(e) Contractors—M/s. Hindustan Construction Co. List of officers is given below as per information compiled so far.

Chief Engineers :

1. Sri L. C. Muniswamy Reddy, (Deceased)
2. Sri Iftikar Ahmed (on leave preparatory to retirement)
3. Sri L. T. Aminbhavi (Retired)

(SRI H. M. CHANNABASAPPA)

Superintending Engineers :	1. Sri A. R. Raichur up to December 1963—(Resigned) 2. Sri B. V. Vittalmurthy (Retired)
Executive Engineers :	1. Sri C. V. Gopalakrishna Setty 2. Sri V L. Narayana (Retd.) 3. Sri H. M. Kori (Retd.) 4. Sri P. R. Seetharamiah.
Assistant Engineers :	1. Sri L. Shivalingiah 2. Sri C. K. Balakrishna 3. Sri M. Channappa 4. Sri R. Somashekar.

Defects in Tunnel of Sharavathy Hydro Electric Project

640. Sri H. D. DEVE GOWDA (Holenarasipur).—

Will the Minister for Public Works and Electricity be pleased to state :—

(*a*) when was the work relating to concreting of tunnel works of Sharavathi Hydro Electric Project sanctioned ;

(*b*) to whom and when the said work was entrusted on contract, and who was the then Minister for Public Works ;

(*c*) when was the work completed; the number and names of the Public Works Ministers during the period from the beginning to end of the works ;

(*d*) whether damage is caused to this work (concreting) and the reasons therefor ;

(*e*) the amount of expenditure required for its repairs ;

(*f*) whether it is a fact that due to damage to the tunnel the wheels of power generating plant is affected and the expenditure to be incurred for their repairs ?

Sri H. M. CHANNABASAPPA (Minister for Public Works and Electricity).—

(*a*) January 1960.

(*b*) (i) M/s Hindustan Construction Company—in September 1960.

(ii) Sri H. M. Channabasappa was the Minister for Public Works and Electricity.

(*c*) (i) Completed in 1965.